



IN THE CLAIMS:

Please cancel ~~claims~~ 1, 6, 10, 15, 19-21, 29, 37, 38, 44 and 50-54 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claims 2, 3, 5, 7, 9, 11, 12, 14, 16, 18, 22-25, 27, 28, 30-33, 35, 36, 39-41, 45-47 and 49 as follows:

B1
BB1
~~2. (Amended) The apparatus according to claim 55~~
[1], further comprising condition holding means for holding information [a condition] of the print job [received from the host apparatus], and wherein the information informed [supplied] from said informing means includes information of the print [an incomplete] job held by said condition holding means.

Sub C1
~~3. (Amended) The apparatus according to claim 55~~
[1], wherein the host apparatus is connected via a communication network, and said informing means informs [supplies the information to] all host apparatuses connected.

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B2
sb
c25

~~5. (Twice Amended) The apparatus according to claim 55 [1], wherein said determination means [acquires the contents of the new condition using said condition acquisition means, and] determines whether [if] the contents indicate a power-OFF notice signal based on contents of the condition required by said condition acquisition means.~~

B3
sb
c3

~~7. (Amended) The apparatus according to claim 56 [6], wherein plural [the] host apparatuses are [apparatus is] connected via a communication network, and said informing means informs [supplies the information to] all host apparatuses connected.~~

B4
sb
c4

~~9. (Twice Amended) The apparatus according to claim 56 [6], wherein said determination means [acquires the contents of the new condition using said condition acquisition means, and] determines whether [if] the contents indicate a power-OFF notice signal based on contents of the new condition acquired by said condition acquisition means.~~

B5
sb
c5

~~11. (Amended) The method according to claim 57 [10], further comprising a [the] condition holding step of holding information [a condition] of the print job [received~~

SB
DB
12. ~~from the host apparatus], and wherein the information~~
~~informed~~ [supplied] in the informing step includes
information of the print [an incomplete] job held in the
condition holding step.

DB
SB
PC6
12. ~~(Amended) The method according to claim 57~~
[10], wherein plural [the] host apparatuses are [apparatus
is] connected via a communication network, and the informing
step includes a [the] step of informing [supplying
information to] all host apparatuses connected.

DB
SB
DB
14. ~~(Twice Amended) The method according to claim~~
57 [10], wherein the determination step includes a [the] step
of determining whether [if the acquired] contents of the
[new] condition acquired in said condition acquisition step
indicate a power-OFF notice signal.

DB
sub
ck
16. ~~(Amended) The method according to claim 58~~
[15], wherein plural [the] host apparatuses are [apparatus
is] connected via a communication network, and the informing
step includes the step of informing [supplying the
information to] all host apparatuses connected.

5001
B8
~~18. (Twice Amended) The method according to claim~~
58 [15], wherein the determination step includes a [the] step
of determining whether [if the acquired] contents of the
[new] condition acquired in said condition acquisition step
indicate a power-OFF notice signal.

B9
~~22. (Amended) The apparatus according to claim 61~~
[21], wherein said informing means informs all host apparatus
connected of the [change in] remaining paper quantity.

B10
23. (Amended) The apparatus according to claim 61
[21], further comprising registration means for registering
print jobs [which were sent from the host apparatus and]
processing of which has not been completed yet, and wherein
said informing means informs host apparatuses as transmission
sources of the print jobs registered in said registration
means of the change in remaining paper quantity.

24. (Amended) The apparatus according to claim 61
[21], further comprising registration means for registering
print jobs [which were sent from the host apparatus and]
processing of which has not been completed yet, and wherein
said informing means informs a host apparatus as a

transmission source of the print job corresponding to data which is being printed among the print jobs registered in said registration means of the [change in] remaining paper quantity.

39
25. (Amended) The apparatus according to claim 61 [21], further comprising registration means for registering print jobs [which were sent from the host apparatus and] processing of which has not been completed yet, and designation means for designating a destination of said informing means, and wherein said informing means informs, in accordance with the designation by said designation means, all host apparatuses connected, host apparatuses as transmission sources of the print jobs registered in said registration means, or a host apparatus as a transmission source of the print job corresponding to data which is being printed among the print jobs registered in said registration means, of the [change in] remaining paper quantity.

310
27. ~~(Twice Amended) The apparatus according to~~ claim 61 [21], wherein said determination means determines ~~whether [if the] contents of the change in condition acquired~~

sb
ca
by said condition acquisition means correspond to the change
in remaining paper quantity.

28. (Amended) The apparatus according to claim 61
[21], wherein when said determination means determines that
the change in condition corresponds to the change in
remaining paper quantity, said determination means also
determines an actual remaining paper quantity, and said
informing means informs the host apparatus of the actual
remaining paper quantity.

30. (Amended) The method according to claim
62 [29], wherein the informing step includes a [the] step of
informing all host apparatus connected of the [change in]
remaining paper quantity.

31. (Amended) The method according to claim 62
[29], further comprising a [the] registration step of
registering print jobs [which were sent from the host
apparatus and] processing of which has not been completed
yet, and wherein the informing step includes a [the] step of
informing host apparatuses as transmission sources of the

~~print jobs registered in the registration step of the [change in] remaining paper quantity.~~

B11
B/C9
32. (Amended) The method according to claim 62 [29], further comprising a [the] registration step of registering print jobs [which were sent from the host apparatus and] processing of which has not been completed yet, and wherein the informing step includes a [the] step of informing a host apparatus as a transmission source of the print job corresponding to data which is being printed among the print jobs registered in the registration step of the [change in] remaining paper quantity.

33. (Amended) The method according to claim 62 [29], further comprising a [the] registration step of registering print jobs [which were sent from the host apparatus and] processing of which has not been completed yet, and the designation step of designating a destination in the informing step, and wherein the informing step includes a [the] step of informing, in accordance with the designation in the designation step, all host apparatuses connected, host apparatuses as transmission sources of the print jobs registered in the registration step, or a host apparatus as a

ab
C9
B11

~~transmission source of the print job corresponding to data~~
which is being printed among the print jobs registered in the
registration step, of the [change in] remaining paper
~~quantity.~~

Br

~~35. (Twice Amended) The method according to claim~~
62 [29], wherein the determination step includes a [the] step
of determining based on the contents of the condition
acquired in the determination step whether [if] the contents
of the change in condition correspond to the change in
remaining paper quantity.

ab
C10

36. (Amended) The method according to claim 62
[29], wherein the determination step includes a [the] step of
determining an actual remaining paper quantity when it is
determined in the determination step that the change in
condition corresponds to the change in remaining paper
quantity, and the informing step includes a [the] step of
informing the host apparatus of the actual remaining paper
quantity.

~~39. (Amended) The apparatus according to claim 64~~

BC3
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[38], wherein said storage means stores the condition change items in units of types of host apparatuses, said determination [discrimination] means refers to the condition change items stored in said storage means in units of types of host apparatuses, and said informing means informs the host apparatus of the condition change in units of types of host apparatuses.

40. (Amended) The apparatus according to claim 64

BC11
[38], further comprising additional reception means for receiving designations of the condition change items from the host apparatus, and wherein said storage means stores the condition change items received by said additional reception means in units of types of host apparatuses.

41. (Amended) The apparatus according to claim 64

[any one of claims 38 to 40], wherein the types of host apparatuses include a supervisor who supervises a system including the host apparatus and said printing apparatus, and a normal user other than the supervisor.

8b
CIA
B14
~~43. (Twice Amended) The apparatus according to~~
claim 64 [38], wherein said determination means determines
whether [if] the contents of the change in condition acquired
by said condition acquisition means correspond to the item
stored in the storage medium [one of the items designated by
the host apparatus].

B5
8b
CIA
~~45. (Amended) The method according to claim 65~~
[44], wherein the storage step includes a [the] step of
storing the condition change items in units of types of host
apparatuses, the determination [discrimination] step includes
a [the] step of referring to the condition change items
stored in the storage step in units of types of host
apparatuses, and the informing step includes a [the] step of
informing the host apparatus of the condition change in units
of types of host apparatuses.

46. (Amended) The method according to claim 65
[44], further comprising an additional [the] reception step
of receiving designations of the condition change items from
the host apparatus, and wherein the storage step includes a
[the] step of storing the condition change items received in

8b
C13
the ~~additional~~ reception step in units of types of host
apparatuses.

B15
47. (Amended) The method according to claim 65
[44], wherein the types of host apparatuses include a
supervisor who supervises a system including the host
apparatus and said printing apparatus, and a normal user
other than the supervisor.

B16
8b
C14
~~49. (Twice Amended) The method according to claim~~
65 [44], wherein the determination step includes a [the] step
of determining whether [if the acquired] contents of the
change in condition correspond to [one of] the items stored
in the storage medium [designated by the host apparatus].

Please add new claims 55-76

B17
8b
C13
~~55. A print controlling apparatus for~~
controlling a printing unit to print data corresponding to a
print job, comprising:

reception means for receiving from the printing
unit a signal indicating that a condition of the printing
~~unit has changed;~~

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OCIS

~~condition acquisition means for acquiring the~~
condition of the printing unit in response to the signal;
determination means for determining based on the
acquired condition whether the condition of the printing unit
corresponds to a power-OFF notice; and
informing means for informing a host computer that
a power supply is scheduled to be turned off when said
determination means determines that the condition of the
printing unit corresponds to the power-OFF notice.

BM

56. A print controlling apparatus for controlling
a printing unit to print data corresponding to a print job,
comprising:

reception means for receiving from the printing
unit a signal indicating that a condition of the printing
unit has changed;

condition acquisition means for acquiring the
condition of the printing unit in response to the signal;
determination means for determining based on the
acquired condition whether the condition of the printing unit
corresponds to a power-OFF notice;

storage means for storing information of the print
job in a nonvolatile storage medium if said determination

~~means determines that the condition of the printing unit~~

corresponds to the power-OFF notice; and

informing means for, when the power supply is turned on, supplying information of the print job to a host apparatus on the basis of the information stored in the nonvolatile storage medium.

57. A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a condition acquisition step of acquiring the condition of the printing unit in response to the signal;

a determinations step of determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice; and

an informing step of informing a host computer that a power supply is scheduled to be turned off when said determination means determines that the condition of the printing unit corresponds to the power-OFF notice.

58. A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

80b
BC15,
a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

a condition acquisition step of acquiring the condition of the printing unit in response to the signal;

BM
a determination step of determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice;

a storage step of storing information of the print job in a nonvolatile storage medium if said determination step determines that the condition of the printing unit corresponds to the power-OFF notice; and

an informing step of, when the power supply is turned on, supplying information of the print job to a host apparatus on the basis of the information stored in the nonvolatile storage medium.

59. A computer readable storage medium that stores a program for controlling a printing unit to print data corresponding to a print job, said program comprising:

~~a code of a reception step of receiving from the~~
printing unit a signal indicating that a condition of the
print unit has changed;

a code of a condition acquisition step of acquiring
the condition of the printing unit in response to the signal;

cb
005
a code of a determination step of determining based
on the acquired condition whether the condition of the
printing unit corresponds to a power-OFF notice; and

Bn
a code of an informing step of informing a host
computer that a power supply is scheduled to be turned off
when said determination step determines that the condition of
the printing unit corresponds to the power-OFF notice.

60. A computer readable storage medium that stores
a program for controlling a printing unit to print data
corresponding to a print job, said program comprising:

a code of a reception step of receiving from the
printing unit a signal indicating that a condition of the
print unit has changed;

a code of a condition acquisition step of acquiring
the condition of the print unit in response to the signal;

~~a code of a determination step of determining based on the acquired condition whether the condition of the printing unit corresponds to a power-OFF notice;~~

~~a code of a storage step of storing information of the print job in a nonvolatile storage medium if said determination step determines that the condition of the printing unit corresponds to the power-OFF notice;~~

~~a code of an informing step of, when the power supply is turned on, supplying information of the print job to a host apparatus on the basis of the information stored in the nonvolatile storage medium.~~

61. A print controlling apparatus for controlling a printing unit to print data corresponding to a print job, comprising:

reception means for receiving from the printing unit a signal indicating that a condition of the printing unit has changed;

condition acquisition means for acquiring the condition of the printing unit in response to the signal;

determination means for determining based on the acquired condition whether a change in condition corresponds to a change in remaining paper quantity; and

~~informing means for informing a host apparatus of~~
the remaining paper quantity when said determination step
determines that the change in the condition corresponds to a
change in the remaining paper quantity.

sb
OC15
62. A print controlling method for controlling a
printing unit to print data corresponding to a print job,
comprising:

Bm
a reception step of receiving from the printing
unit a signal indicating that a condition of the printing
unit has changed;

a condition acquisition step of acquiring the
condition of the printing unit in response to the signal;

a determination step of determining based on the
acquired condition whether a change in condition corresponds
to a change in remaining paper quantity; and

an informing step of informing a host apparatus of
the remaining paper quantity when said determination step
determines that the change in the condition corresponds to a
change in the remaining paper quantity.

63. A computer readable storage medium that stores
a program for controlling a printing unit to print data
corresponding to a print job received from a host apparatus,
said program comprising:

Ob
C15
a code of a reception step of receiving from the
printing unit a signal indicating that a condition of the
printing unit has changed;

a code of a condition acquisition step of acquiring
the condition of the printing unit in response to the signal;

B17
a code of a determination step of determining based
on the acquired condition whether a change in condition
corresponds to a change in remaining paper quantity; and

a code of an informing step of informing the host
apparatus of the remaining paper quantity when said
determining means determines that the change in the condition
corresponds to a change in the remaining paper quantity.

64. A print controlling apparatus for controlling
a printing unit to print data corresponding to a print job
received from a host apparatus, comprising:

~~storage means for storing an item of condition~~
change designated by the host apparatus in a storage medium;

~~reception means for receiving from the printing unit a signal indicating that a condition of the printing unit has changed;~~

~~determination means for determining, in response to the signal, whether the condition change corresponding to the item stored in the storage medium has occurred; and~~

~~informing means for informing the host apparatus of the condition of the printing unit when said determination means determines that the condition change corresponding to the item stored in the storage medium has occurred.~~

Bb
OC15

B1
65. A print controlling method for controlling a printing unit to print data corresponding to a print job, comprising:

~~a storage step of storing an item of condition change designated by a host apparatus in a storage medium;~~

~~a reception step of receiving from the printing unit a signal indicating that a condition of the printing unit has changed;~~

~~a determination step of determining, in response to the signal, whether the condition change corresponding to the item stored in the storage medium has occurred; and~~

~~an informing step of informing the host apparatus~~
of the condition of the printing unit when said determination
step determines that the condition change corresponding to
the item stored in the storage medium has occurred.

66. A computer readable storage medium that stores
a program for controlling a printing unit to print data
corresponding to a print job, said program comprising:

a code of a storage step of storing an item of
condition change designated by a host apparatus in a storage
medium;

a code of a reception step of receiving from the
printing unit a signal indicating that a condition of the
printing unit has changed;

a code of a determination step of determining, in
response to the signal, whether the condition change
corresponding to the item stored in the storage medium has
occurred; and

a code of an informing step of informing the host
apparatus of the condition of the printing unit when said
determination step determines that the condition change
corresponding to the item stored in the storage medium has
occurred.

~~67. A computer program product loadable into an~~
internal memory of a digital computer for controlling a
printing unit to print data corresponding to a print job,
comprising program code portions for performing the steps of:

receiving from the printing unit a signal
indicating that a condition of the printing unit has changed;
acquiring the condition of the printing unit in
response to the signal;

determining based on the acquired condition whether
the condition of the printing unit corresponds to a power-OFF
notice; and

informing a host computer that a power supply is
scheduled to be turned off when it is determined that the
condition of the printing unit corresponds to the power-OFF
notice.

68. A computer program product loadable into an
internal memory of a digital computer for controlling a
printing unit to print data corresponding to a print job,
comprising program code portions for performing the steps of:

receiving from the printing unit a signal
indicating that a condition of the printing unit has changed;

~~acquiring the condition of the printing unit in~~
response to the signal;

determining based on the acquired condition whether
the condition of the printing unit corresponds to a power-OFF
notice;

BB
0013
storing information of the print job in a
nonvolatile storage medium if it is determined that the
condition of the printing unit corresponds to the power-OFF
notice; and

BN
supplying information of the print job to a host
apparatus on the basis of the information stored in the
nonvolatile storage medium, when the power supply is turned
on.

69. A computer program product loadable into an
internal memory of a digital computer for controlling a
printing unit to print data corresponding to a print job,
comprising program code portions for performing the steps of:

receiving from the printing unit a signal
indicating that a condition of the printing unit has changed;

acquiring the condition of the printing unit in
response to the signal;

~~determining based on the acquired condition whether~~
a change in condition corresponds to a change in remaining
paper quantity; and

informing a host apparatus of the remaining paper
quantity when it is determined that the change in the
condition corresponds to a change in the remaining paper
quantity.

8b
OC15
70. A computer program product loadable into an
internal memory of digital computer for controlling a
printing unit to print data corresponding to a print job,
comprising program code portions for performing the steps of:

BN
a storage step of storing an item of condition
change designated by a host apparatus in a storage medium;

a reception step of receiving from the printing
unit a signal indicating that the condition of the printing
unit has changed;

a determination step of determining, in response to
the signal, whether the condition change corresponding to the
item stored in the storage medium has occurred; and

an informing step of informing a host apparatus of
the condition of the printing unit when said determination

8b
C15 → ~~step determines that the condition change corresponding to
the item stored in the storage medium has occurred.~~

71. A printing apparatus for printing data
corresponding to a print job, comprising:

an electric power supply;

a controller arranged to control said electric
power supply to continue to supply electric power for a
predetermined period after a power switch is turned off; and

informing means for informing a host apparatus in
the predetermined period after the power switch is turned off
that said electric power supply is to be turned off.

BM → ~~72. The apparatus according to claim 71, wherein
the host apparatus is connected via a network.~~

8b
C15 → 73. A method of controlling a printing apparatus
for printing data corresponding, comprising the steps of:

controlling an electric power supply to continue to
supply electric power for a predetermined period after a
power switch is turned off; and

82
82
1/1

~~informing a host apparatus in the predetermined~~
period after the power switch is turned off that the power
supply is to be turned off.

74. The method according to claim 73, wherein the host apparatus is connected with the printing apparatus via a network.

75. A computer readable storage medium that stores a program for controlling a printing apparatus for printing data corresponding to a print job, said program comprising:

bn

a code of a controlling step of controlling an electric power supply to continue to supply the electric power for a predetermined period after a power switch is turned off; and

a code of an informing step of informing a host apparatus in the predetermined period after the power switch is turned off that the power supply is to be turned off.

76. The computer readable storage medium according to claim 75, wherein the host apparatus is connected with the printing apparatus via a network.--.